

CLAIMS

1. A foamed resin oil pan comprising:
a body portion; and
a flange portion for mounting said body
5 portion on a cylinder block;
wherein the bubble fraction of the resin making up said body portion is higher than the bubble fraction of the resin making up said flange portion.
2. A foamed resin oil pan according to claim 1,
10 wherein a reinforcing member higher in strength than the resin is arranged on selected one of the outer surface and the inner surface of at least that part on the road surface side of the body portion which is nearer to the road surface when said foamed resin oil
15 pan is mounted on the internal combustion engine.
3. A foamed resin oil pan according to claim 1,
wherein a sheet of a radiation heat insulating material is arranged on at least a part of the inner surface of said body portion.
- 20 4. A foamed resin oil pan according to claim 1,
wherein a metal sheet is welded on at least the surface part of said flange portion in contact with said cylinder block.
- 25 5. A foamed resin oil pan according to claim 1,
wherein said flange portion has a recess or recesses in a selected one of a surface and the opposite surface of said flange portion which is in contact with the cylinder block.
- 30 6. A foamed resin oil pan according to claim 5,
wherein said recess is a groove formed along said flange portion in the surface thereof in contact with the cylinder block, and a seal member is arranged in said groove.
- 35 7. A method of fabricating the foamed resin oil pan set forth in claim 1, comprising the steps of:
forming a cavity to form said oil pan between a first die and a second die by closing said two

dis with each other;
filling molten resin in said cavity; and
moving a movable core constituting a part
of said first die facing said body portion so as to
5 enlarge said cavity.